



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

CONZONE ET AL.

Group Art Unit: 2872

Serial No. 09/855,741

Examiner: F. Assaf

Filed: May 16, 2001

For: PHOTONIC DEVICES FOR OPTICAL AND OPTOELECTRONIC INFORMATION
PROCESSING

#12/Amend A
4/9/03
C.P.

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

In response to the Office Action dated October 2, 2002, please amend the above-
referenced application as indicated below and consider the remarks which follow:

IN THE CLAIMS:

Please amend claims 1, 4, and 16 as follows:

RECEIVED
APR -4 2003
TC 2800 MAIL ROOM

A1

1. (Amended) A photonic device comprising:
a first section including an optical material,
a second section including an optical material,
with an area of said first section and an area of said second section abutting each other,
wherein
at least a part of said first area and a part of said second area define a low temperature
bonding area, and wherein said first section and said second section form a waveguide.

A2

4. (Amended) A photonic device according to claim 1, wherein said optical material is
useable for transmission of photons, reflection of photons, absorption of photons, generation of

04/03/2003 MBLANCO 00000019 09855741

1

BKRAM 1 P1

01 FC:1202
02 FC:1201

126.00 OP
84.00 OP